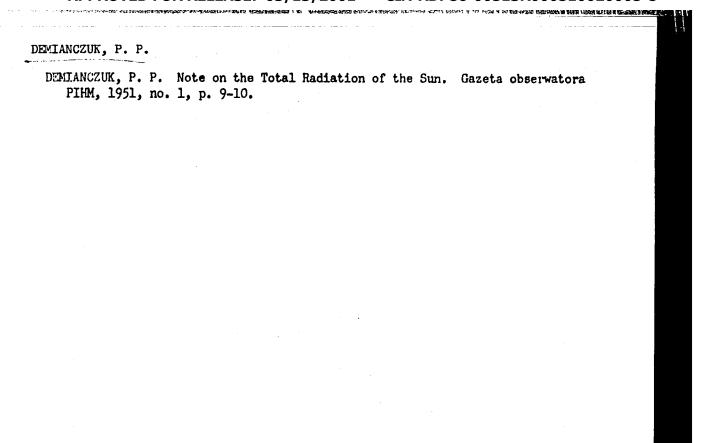
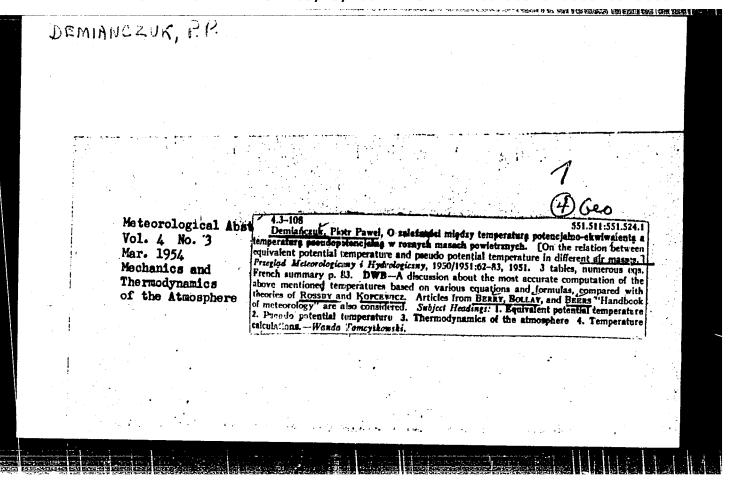
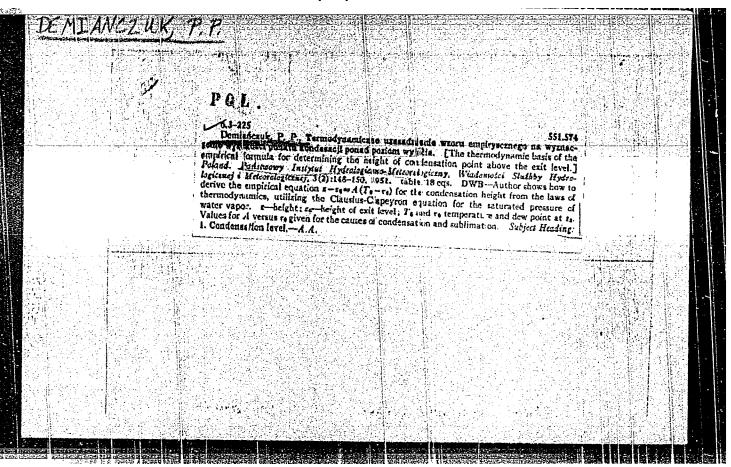
DEMIANCOK, Jozef

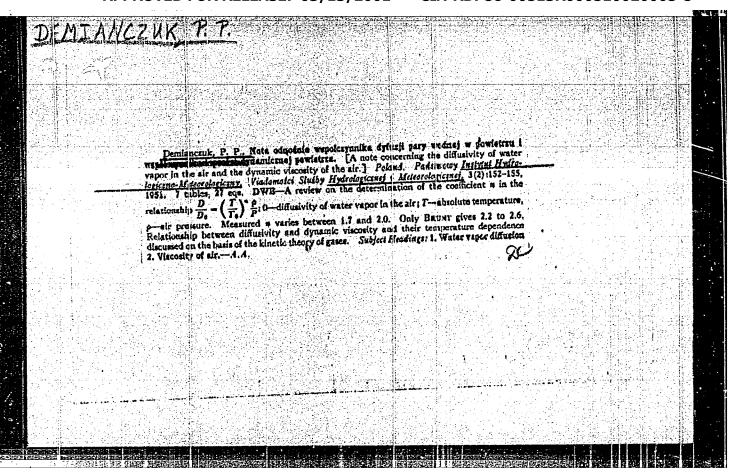
Decomposition of KCl by sulphuric acid in a medium of 3-butanol. Chem prum 15 no.4:236-237 Ap 165.

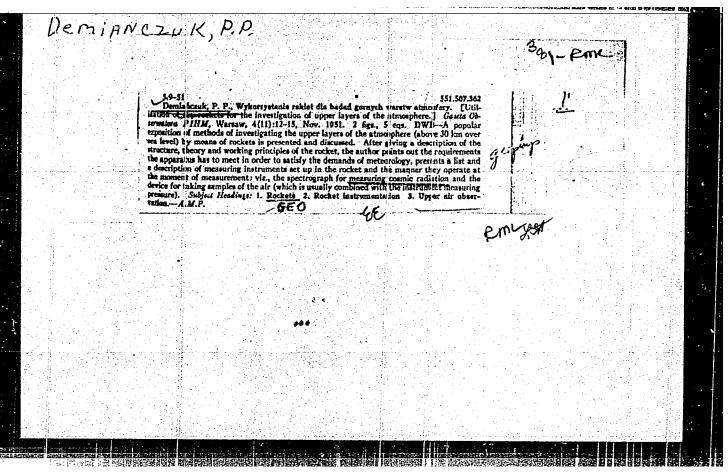
1. Chemicke zavody J.Dimitrova, Bratislava. Submitted July 9, 1964.











mianczuk, Piotr P	awel, 0 vspólzal	eźności miedzy	temperature no	tonotolna 1 ok		
THE ART CORCIG TON	5.2-29 Demiańczuk, Piotr Pawel, O współzaleźności miedzy temperatura potencjalna i ek stremalna wartościa funkcji prawdopodovieństwa. Z On the relation between the rotential					
temperature and the extreme value of probability function. / Przeglad Meteorologiczny i Hydrologiczny, No. 1/2:116-121, 1952. 14 eqs. French summary D. 121 MH-BH-This sketch of extensive work published in Wiadomosci Slusby						
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DEMIANCZUK, P.

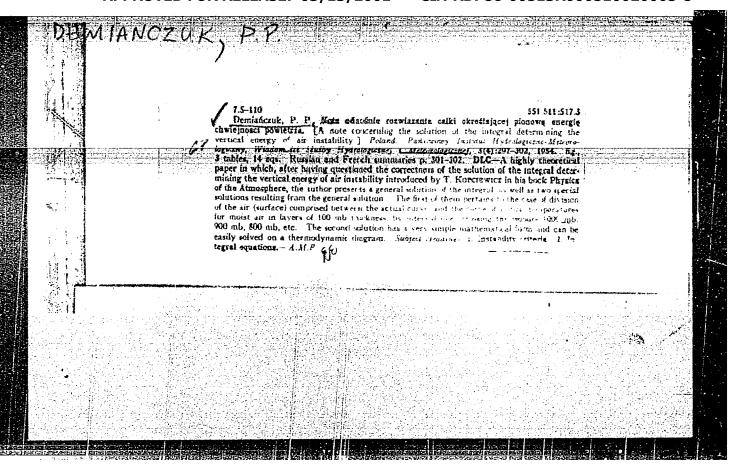
\*Horizontal visibility." (To be contd.) p. 5. (Gazeta Obserwatora, Vol. 6, no. 1, January 1953. Warszawa.)

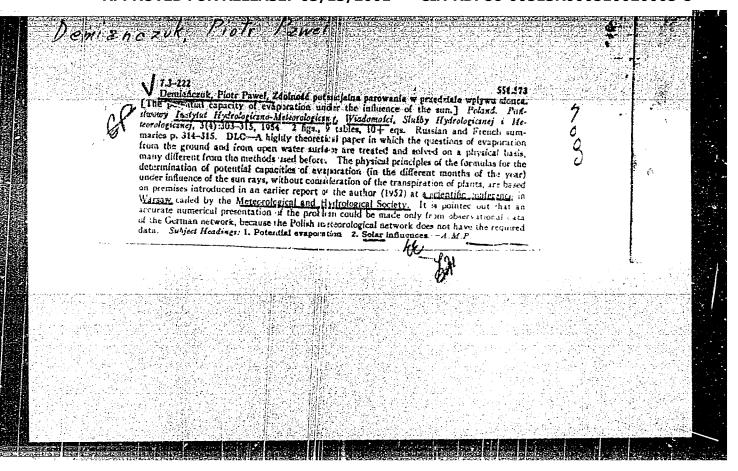
SO: Monthly List of East European Accessions. Vol. 3, No. 2, Library of Congress, February 1954, Uncl.

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p. 454, (GOSPODARKA WODNA, Vol. 13, No. 12, Dec. 1953. Warszawa, Poland.)

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DEMIANCZUK, P.

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Contemporary view on the structure of the earth's atmosphere. (Conclusion) p.2. GAZETA OBSERWATORA, P.I.H.M., Warszawa, Vol. 7, no. 10, Oct. 1954.)

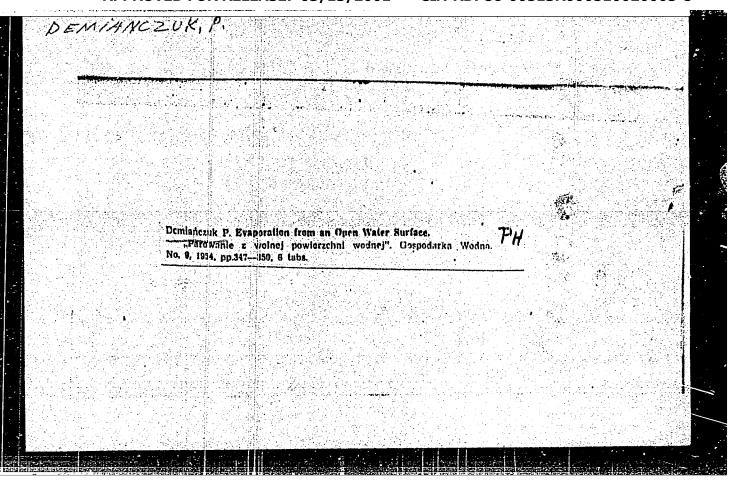
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. &, Jan. 1955, Uncl.

DEMIANCZUK, P.

Mist, p. 2. (GAZETA OBSERWATORA, P.I.H.M., Warszawa, Vol. 7, no. 11, Nov. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jun. 1955, Uncl.

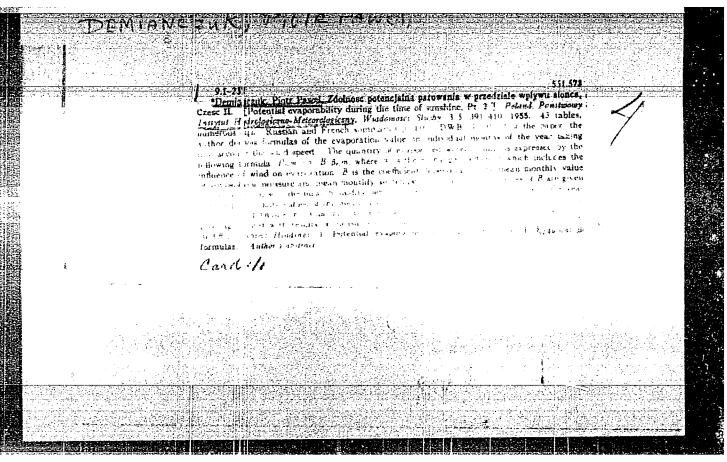
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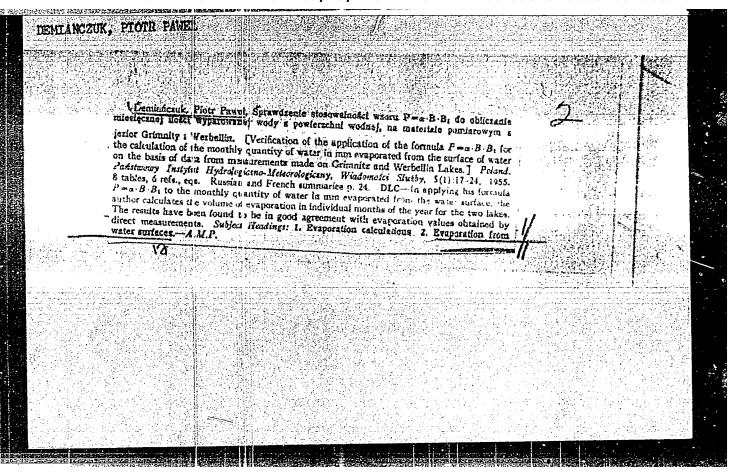


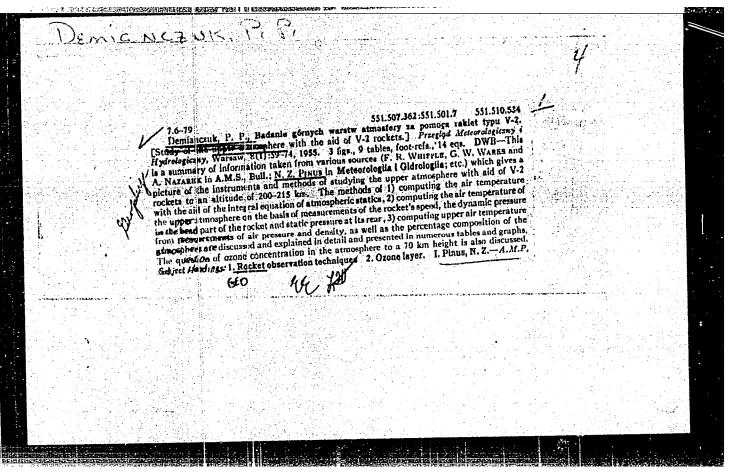
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Modyfikacja diagramu Stuvego. Warszawa, Wydawn. Komunikacyjne, 1955. 32 p. (Warsaw. Panswowy Instytut Hydrologiczno-Meteorologiczny. Seria A. Instrukcje i podreczniki, nr. 32) (A modification of the Stuve diagram. tables, diagrs)

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Absolute humidity of air and the pressure of steam, p. 8. (GAZETA OBSERWATORA, P.I.H.M., Warszawa, Vol. 8, no. 2, Feb. 1955.)

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DEMIANCZUK, P.

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New formulas for the calculation of the yearly value of evaporation from a water basin. p. 191. (Przeglad Geofizyczny, Vol. 1, No. 3/4, 1956, Warsaw, Poland)

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DEMIANCZUK, P. P. Evaporation from an open surface of water. p. 145

Vol. 4, no. 3, 1956

ACTA GEOPHYSICA POLONICA

GEOGRAPHY & GLOCICCY

Werszawa, Poland

So: East European Accession, vol. 6, no. 3, March 1957

公文表表表现的人,可以是不可以在的表现的,我们就是我们的国家的人,我们就是这种人的一种,我们就是这个人的人,我们就是这个人,

DEMIANSZUK, Piotr-Pawel

THE SECTION OF THE DESCRIPTION OF THE PROPERTY OF THE PROPERTY

The highth of the base of CU and CB clouds in Poland. Przegl geofiz 6 no.1/2:9-14 '61.

1. Panstwowy Instytut Hydrologiczno-Meteorologiczny, Warszawa.

DEMIANCZUK, Piotr Pawel

Diurnal evaporation course from a water surface. Przegl. geofiz. 8 no.1/2:89-92 163.

1. Polski Instytut Hydrologiczno-Meteorologiczny, Warszawa.

POLAND / General Division, Scientific Establishments **A-**3

Abs Jour: Ref Zhur-Biologila, No 5, 1958, 18865

Demianowiczowa Zofia Author

Inst

Title

The Division of Botany of the Agriculture Faculty of

UMCS at Lublin

Orig Pub: Kosmos (Warszawa), 1955, A4, No 4, 625-626

The division is working out the questions of botany in its application to agriculture, in particular to the Abstract: questions of the feeding basis of bees. Since May 1954, a comparative study has been going on and three species of linden in relation to the nectar productivity of these species. In the study of nectaries on

fruit trees, a dependence was established between the productivity of nectar and the germ of the fruit.

Studied also was the qualitative composition of the

Card 1/2

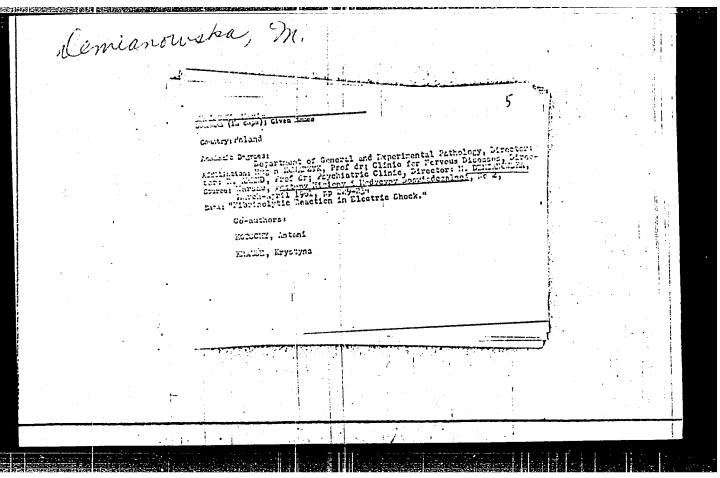
MIHRZECKI, Henryk; DEMIAHOWSKA, Maria; WASIK, August; WOYTON, Aleksandra

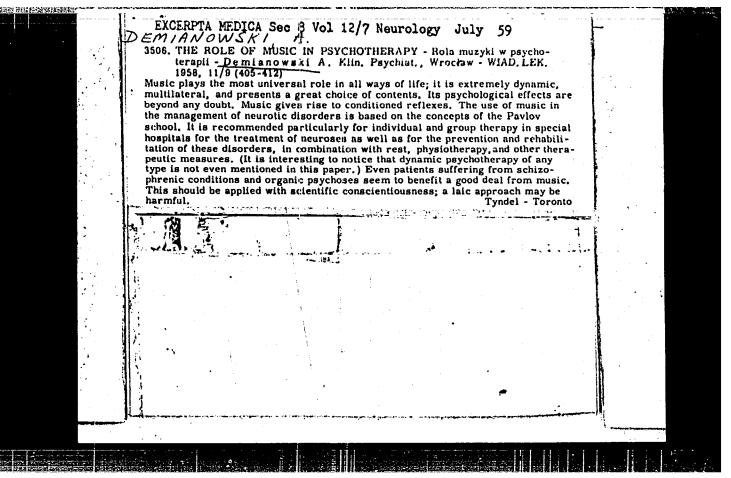
Effect of the central nervous system on the course of cutaneous sensitization reactions and bacterial infections in experimental animals. Polski tygod. lek. 14 no.32:1479-1482 10 Aug 59.

1. (Z Kliniki Dermatologicznej A. M. we Wrocławiu: dyrektor - prof. dr J. Mierzecki i z Kliniki Paychiatrycznej A. M. we Wrocławiu, dyrektor - prof. dr Demianowski)

(ALLERRY, exper.) (CHNTRAL HERVOUS SESTEM, physiol.)

(INFECTION, exper.)





DEMIANSKI, M.; INFEID, E.

Note on the field method of obtaining the conservation laws and solving the two body problem in general relativity. Bul Ac Pol Mat 9 no.9:693-696 '61.

1. Institute of Theoretical Physics, University, Warsaw and Trinity College, Cambridge. Presented by L.Infeld.

DEMIANSKI, Marek; INFELD, Fryk

The field method of obtaining the conservat on laws and the Lagrangian.
Acta physica Pol 21 no.5:469-479 My '62.

1. University of Warsaw and Trinity College.

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The radiative energy and the motion of particles. Bul Ac Pol mat 11 no.4:223-226 '63.

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# DEMIASZKIEWICZ, W.

Spring-summer tick: encephalitis in the Bialowiesa Forest. Polska tygod lek. 7 no. 24:799-801 16 June 1952. (CLML 23:3)

1. Bialowiesa Station for Diagnosis of Diseases of Forest Animals.

3.1

#### DEMICH, G.

"Tuel and oil during the winter season." p. 332. (MOTORYZACJA. Vol. 9. No. 11, Nov. 1954. Waresawa, Polend)

SO: Monthly List of East Buropean Accessions. (ERAL). IC. Vol. 4, No. 4. April 1955. Uncl.

BOBRENEY, A.; DEMICHEY, A.; STUKALOY, V.

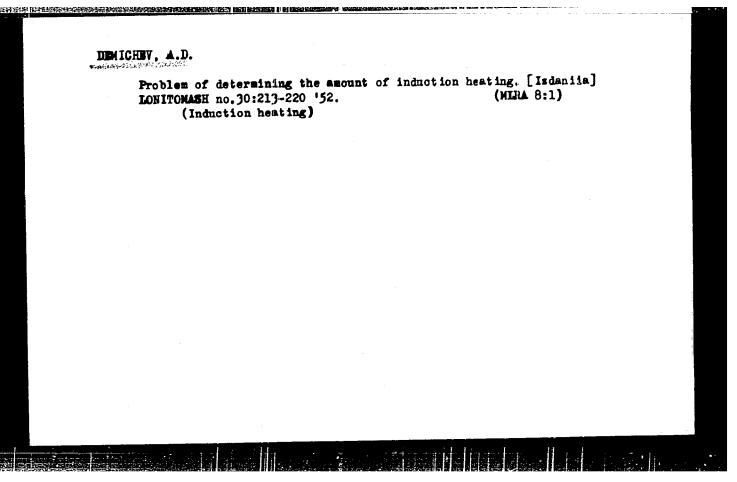
Light and shadows. Mast.ugl. 8 no.12:9 D '59.
(MIRA 13:4)

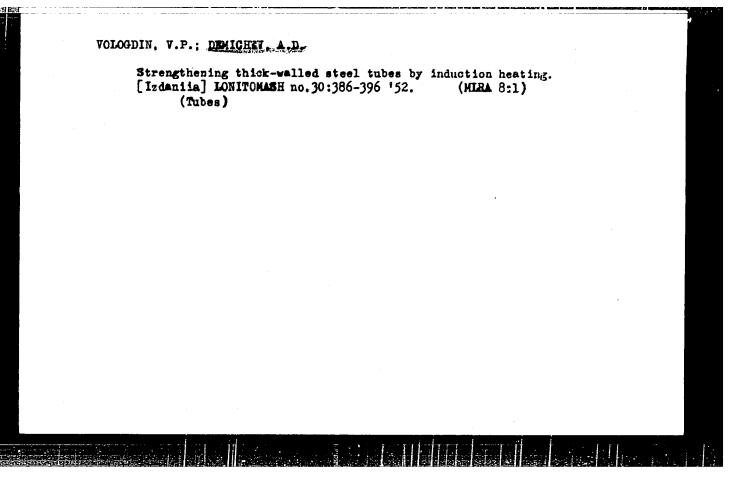
1. Chleny TSentral nogo komiteta profsoyuza rabochikh ugol noy promyshlennosti.
(Karaganda Basin--Coal mines and mining)

THE CONTRACTOR OF THE PROPERTY OF THE PROPERTY

DEMICHEV, A.D., inzh.

Improved technology. Put' i put. khoz. 7 no.10:9 '63. (MIRA 16:12)





DEMICHEV, A.D.

Vysokochastotnaia zakalka (High-frequency surface hardening). Pod red. A.A. Fogelia.

Moskva, Mashgiz, 1954. 64 p. (B-ka vysokochastotniza-ternista, 10.3)

SO: Monthly List of Russian Accessions, Vol 7, No9, Dec 1954

DEMICHEV, A.D.

PHASE I BOOK EXPLOITATION

318

Demichev, Aleksey Dmitriyevich and Shashkin, Semen Vasil'yevich

Vysokochastotnaya zekalka (High-frequency Case Hardening) 2nd ed., rev. and enl. Moscow, Mashgiz, 1957. 52 p. (Bibliotechka vysokochastotnika-termista. Vyp. 3) 10,000 copies printed.

Ed.: (Title page): Fogel', A.A., Candidate of Tech. Sciences; Reviewer:

Donskoy, A.V., Dr. of Tech. Sciences, Prof.; Ed. of Publishing House:
Gofman, Ye. K.; Tech. Ed.: Speranskaya, O.V.; Editorial board of series:
Fogel', A.A., Candidate of Tech. Sciences (Chairman); Spitsyn, M.A.,
Candidate of Tech. Sciences, Slukhotskiy, A.Ye., Candidate of Tech. Sciences,
Glukhanov, N.P., Candidate of Tech. Sciences (Ei. of this issue); and Baumner,
A.V., Engineer. Chief Ed. of the Leningrad Division of Mashgiz: Bol'shakov,
S.A., Engineer.

PURPOSE: This booklet is one of a series published for the purpose of promoting high-frequency case hardening/pooling advanced production "know-how". It is intended for a large circle of industrial workers interested in the techniques of high-frequency case hardening.

COVERAGE: The authors give general descriptions of high-frequency devices for induction case hardening of steel and cast-iron products. They discuss the problem of selecting proper frequencies to be used in case hardening of

Card 1/2

High-frequency Case Hardening (Cont.)	318
various surfaces of various shapes. There are 11	references, all USSR.
TABLE OF CONTENTS	Page
Introduction	3
1. Case-hardening Methods	5
2. Selection of Frequency	8
3. Methods of High-frequency Case Hardening	18
Method of induction hardening	18
Method of continuous induction hardening	33
Hardening of complex shapes by a two-frequency met	hod 47
AVAILABLE: Library of Congress	IS/ksv
Card 2/2	May 23,1958

DEMICHEV. A.D.; YENGOVATOV, A.A.; KUZNETSOV, H.N.; KOSTYUKOVICH, H.I.; ULYUYEV, D.I.; USHAKOV, S.M.; LIDERS, G.V., kandidat tekhnicheskikh nauk, redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Mechanizing work in major repairing of railroad tracks; experience of track machinery stations] Mekhanizatsiia rabot po kapital'nomu remontu puti; opyt putevykh mashinnykh stantsii. Moskve. Gos. transp.zhel-dor.izd-vo. 1957. 107 p. (MLRA 10:9)

(Railroads--Track)

1. Glavnyy inshener Putevoy mashinnoy stantsii-5 (for Chirkov). 2. Nachal'nik normativnoy stantsii (for Demichev). (RailroadTrack)	Laying track with separate fastenings. Put' i put.khoz. no.6:17-18 Je '57. (MIRA 10:7)	
	2. Nachal'nik normativnoy stantsii (for Demichev).	

DEMICHEV. A.D.: KISELEV, V.F., starshiy dorozhnyy master (stantsiya Ira-Iol'

Pechorskoy dorogi) EDZZOYSHILA,D.;EDMADIN,A.A. starshiy dorozhnyy master
(stantsiya Polotsk Belorusskoy dorogi);EUES, V.G., brigadir puti(stantsiya Cheremkhovo Vostochno-Sibirskoy dorogi); PAVLOV, V.N., brigadir
puti (stantsiya Cheremkhovo Vostochno-Sibirskoy dorogi); SIAKIBALAYEV,
A.M., dorozhnyy master (stantsiya Zenzeli Ordzhonikidzevskoy dorogi);
TARASENKO, V.Ye., dorozhnyy master (stantsiya Irkutsk II)

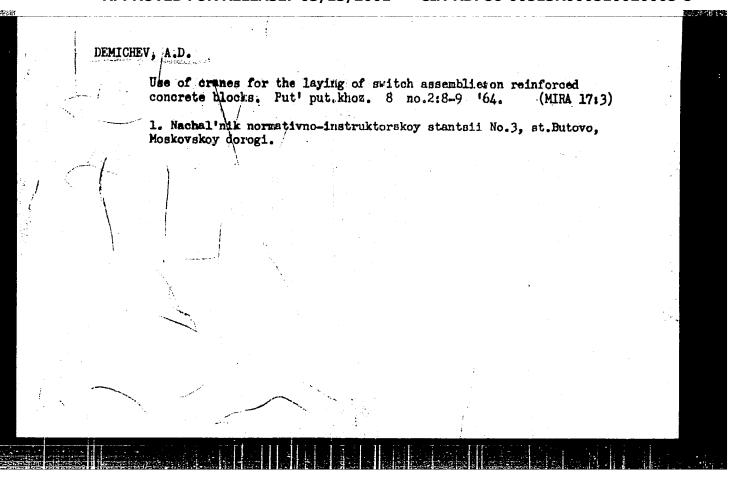
Letters to the editor. Put' i put.khoz. no.11:43-45 N '58.
(MIRA 11:12)

1. Nachal'nik normativnoy stantsii tresta "Rekput'." (for Denichev).
2. Zamestitel' nachal'nika distantsii, stantsiya Kizel Sverdlovskoy
dorogi (for Kozlovskiy).

(Railroad engineering)

ULANTSEV, I.D., ingles on resinfered entered ties. Transp. stroi. 11 no.2:
16-18 F '61. (M.A. 14:2)

(A. Alreads-C. S. Corereto)



ZANNES, A.N., inzh.; RUDOL'SKIY, N.L., inzh.; FRADIN, M.D., inzh.; SAPELKINA, O.R., inzh.; BIKHUNOV, L.Ya., inzh.; GLOZMAN, M.I., inzh.; Prinimali uchastiye: DEMICHEV, A.D.; SUCHKOUSOV, V.P.; BLAGOVESHCHENSKIY, G.V.; GOLOVIN, G.F.; KAZARNOVSKIY, D.S.; RAVITSKAYA, T.M.

Surface induction hardening of rails along their whole length at the Azovstal' Plant. Stal' 24 no.8:731-734 Ag '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut tokov vysokov chastoty (for Demichev, Suchkousov, Blagoveshchenskiy, Golovin).
2. Ukrainskiy nauchno-issledovatel'skiy institut metallov (for Kazarnovskiy, Ravitskaya).

DEMICERY, A.B.; SHONOV, D.A.

Competition between two collectives. Pat' i put.khoz. 9 no.8:5-6 '65.
(MIRA 18:8)

1. Nachal'nik Normativno-instruktorskoy stantsii No.3 (for Demichev).
2. Starshiy inzh. Normativno-instruktorskoy stantsii No.3 (for Nikonov).

doktor tekhn. nauk prof., retsenzent; FOGEL', A.A., kand. tekhn. nauk, red.

[High-frequency hardening] Vysokochastotnaia zakalka. Izd.3., ispr. i dop. Pod red. A.A.Fogelia. Moskva, Mashinostroenie, 1965. 83 p. (MIRA 18:12)

[Increasing labor productivity in the industries of White Russia]
Povyshenie proizvoditel'nosti truda v promyshlennosti Belorusskoi
SSR. Minsk, Izd-vo Akedemii nauk BSSR, 1956. 62 p. (MIRA 10:1)
(White Hussia--Kabor productivity)

DEMICHEV, A. I.

An area of communist labor. Mashinostroitel no.10:4-5 0 62. (MIRA 15:10)

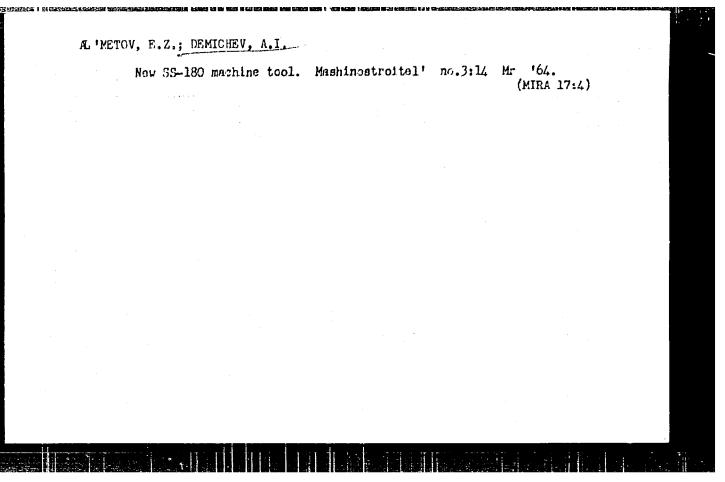
(Sterlitamak-Machine-tool industry)

DEMICHEY, A.I.; GILYAZITDINOV, K.M.; ALEKSEYEV, V.A.; ROMANCHUK, V.A.

New special-purpose machine tools manufactured at the Sterlitamak
Machine-Tool Flant. Mashinostroitel' no.4:16-17 Ap '63.

(MIRA 16:5)

(Sterlitamak--Machine-tool industry)



DEMICHEV, A.I.

Special-purpose semiautomatic honing machine. Biul.tekheckon.
inform.Gos.nauch.-issl.inst.nauch.i tekh.inform 17 no.11:47-48
N '64. (MIRA 18:3)

BORODIN, Stepan Vasil yevich; DEMICHEY, Aleksandr Nikolayevich; ROZIN, Pavel Iosifovich, Prinimali uchastiye: TOCHIL 'NIKOVA, G.M.; KARCHEVSKIY, V.N.; FILIPPOVA, E., red.izd-va; LHBEDEV, A., tekhn, red.

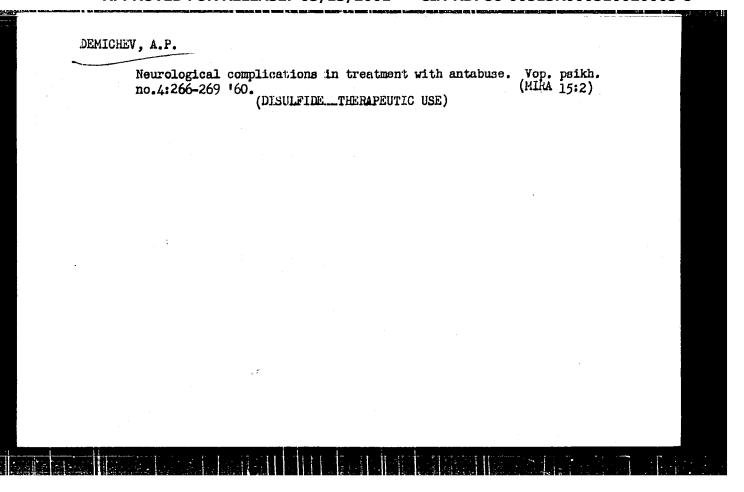
[Finance and redit] Financy i kredit. Moskva, Gosfinizdat, 1963. 222 p. (MIRA 17:2)

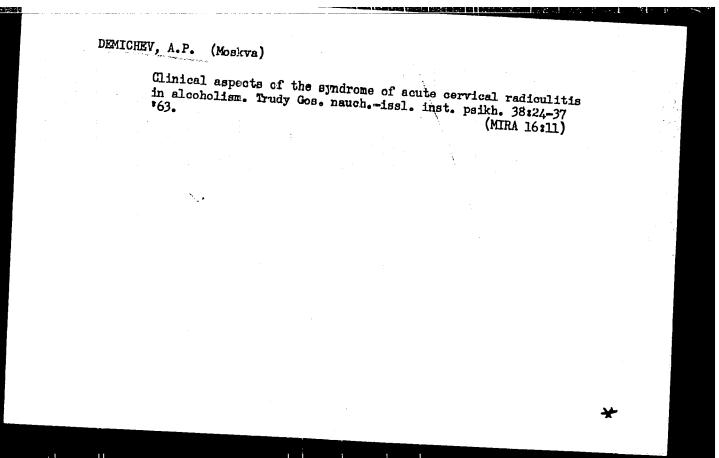
## DEMICHEV, A.P.

Influence of nicotinia acid on the unconditioned reflex function of the salivary gland. Fiziol. zhur. 46 no. 5:561-564 My '60. (MIRA 13:12)

1. From the Institute of Psychiatry, U.S.S.R. Academy of Medical Sciences, Moscow.

(SALIVARY GLANDS) (NICOTINIC ACID)





DEMICHEV, A.P.; GRIGOROVICH, N.N. (Moskva)

Data on preumoencephalographic examination of chronic alcoholics. Trudy Gos. nauch.-issl. inst. psikh. 38:211-229

(MIRA 16:11)

50V/137-59-2-4380

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 2, p 293 (USSR)

AUTHOR:

Demichev, A. Ya.

TITLE:

Application of High-frequency Currents in the Bearing Industry (Primeneniye tokov vysokoy chastoty v podshipnikovoy promysh-

lennosti)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i in-tov avtomob. prom-sti. Nr 3. Moscow, 1958, pp 85-86

ABSTRACT:

In order to eliminate the difficulties arising in the high-frequency hardening of bearing parts it is recommended to construct a loading device for the feeding and automatic setting of bearing parts for heating and hardening in the inductor and to design equipment for treating bearing parts with two frequencies: A lower frequency for the

working surface and a higher frequency for the fitting surface.

A. B.

Card 1/1

DEMICHEV, G. M.

Organizatsiia skladskogo khoziaistva na zhelezno-dorozhnom transporte. /Organization of storage facilities in railroad transportation. Pod red. A.V. Naumova. Utverzhdeno v kachestve uchebnika dlia tekhnikumov po spetsial'nosti "Material'no-tekhn. snabzhenie." Moskva, Gos. Transp. shel-dor. izd-vo. 1941. 447 p. illus. Bibliography: p./448/.

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

DEMICHEV, G.M. kandidat tekhnicheskikh nauk; LAPUSHKIN, A.D., redaktor.

[Warehousing] Skladskoe khosiaistvo. [Redaktor A.D.Lepushkin] Moskva, Gos. transp. shel-dor. izd-vo. 1953. 395 p. (NIRA 6:10) (Warehouses)

DEMICHEV, Georgiv Maksimovich; PESKOVA, L.N., redaktor; BOBROVA, Ye.N.,

[Supplying reilroads with materials and equipment] Material'notekhnicheskoe snebzhenie na zheleznodrozkhom trensporte. Moskva,
Gos.transp.zhel-dor.ida-vo, 1957. 49 p. (MIRA 10:9)

(Railroads--Equipment and supplies)

DEMICHEV, Georgiy Maksimovich, kend.tekhn.nauk; KOETUNOVA, M.P., red.; KHITROV, P.A., tekhn.red.

[Warehouses and the mechanisation of warehouse work] Material'nye sklady i mekhanisatsiia skladskikh rabot. Izd.2., dop. i perer.

Moskva, Vses.isdatel'sko-poligr.ob"edinenie M-va putei scobshcheniia,
1960. 303 p. (MIRA 13:11)

(Railroads--Freight) (Warehouses)

DEMICHEV, Georgiy Maksimovich; KORYTOV, Aleksey Nikolayevich; LYASHENKO, Andrey Petrovich; KRISHTAL, L.I., red.; BOBROVA, Ye.N., tekhn.red.

[Economics and organization of supplying material and equipment for railroads] Ekonomika i organizatsiia material no-tekhnicheskogo snabzheniia zheleznodorozhnogo transporta. Moskva,
Vses.izdatel'sko-poligr.ob edinenie M-va putei soobshcheniia,
1960. 325 p. (MIRA 13:11)
(Railroads---Equipment and supplies)

BURMISTROV, P.I.; SAMOYLOVICH, S.D.; DEMICHEY, G.M.; KONONOV, V.A.;

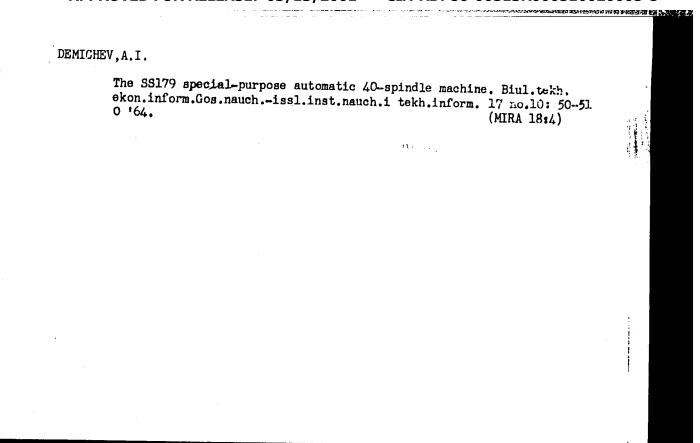
EVENCHIK, S.D.; BRODOVSKIY, N.R.; PAVLOV, S.M.; BOBROV,
A.A.; BASKIN, A.I.; SHKOL'NIKOV, S.A.; VASIL'YEV, B.K.;

DRANNIKOV, A.B.; RIKMAN, M.A.; BURAKOV, V.A.; VLADIMIROV,
A.P.; NIKOLAYEVSKIY, G.M.; PETRUSHEV, I.M., red.;

GERASIMOVA, Ye.S., tekhn. red.

[Mechanization of loading, unloading and storing operations in industrial enterprises] Mekhanizatsiia pogruzochnorazgruzochnykh i skladskikh rabot na promyshlennykh predpriiatiiakh. Moskva, Ekonomizdat, 1963. 276 p.

(MIRA 17:2)



ANDRIYASHEVA, N.M.; BAKKAL, T.P.; BEKKER, S.M.; BOGDANOV-BEREZOVSKIY, V.V.; BRAUN, A.D.; VASILEVSKAYA, N.L.; GANUSHNKO, M.N.; GARMASHEVA, N.L.; DEMICHEV, I.P.; DRIZGALOVICH, S.Ye.; KALINIHA, N.A.; KORSAKOVA, G.F.; KRYZHANOVSKAYA, Ye.F.; MIROVICH, E.I.; PROROKOVA, V.K.; PUGOVISHNI-KOVA, M.A.; RESHETOVA, L.A.; SVETLOV, P.G.; UTEGENOVA, K.D.; KHECHI-HASHVILI, G.G.; SHVANG, L.I.; GARMASHEVA, N.L., professor, redaktor; RUDAKOV, A.V., redaktor; RULEVA, M.S., tekhnicheskiy redaktor.

[Reflex actions in mother-fetus interrelations] Reflektornye reaktsii vo vshimootnosheniiskh materinskogo organisma i ploda. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 266 p.(MLRA 7:10) (Pregnancy) (Embryology)

DEMICHEV J.P.
PETCHENKO, A.I., prof.; DHMICHEV, I.P., kand.med.nauk

New method for accelerating and completing labor [with summary in English]. Akush. i gin. 33 no.6:15-21 N-D 157. (MIRA 11:3)

1. Is kafedry akusherstva i ginekologii (zav.-prof. A.I.Petchenko) Leningradskogo pediatricheskogo meditsinskogo instituta. (LABOR

acceleration with vacuum extractor)
(OBSTETRICS, appar. & instruments,
vacuum extractor (Rus)

DEMICHEV. I.P., kand. med. nauk.

Treatment of cracked nipples by doses of congestive hyperemia and synthomycin ointment. Vop. okh. mat. i det. 3 no.1:87-89 Ja-F '59. (MIRA 12:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A. I. Petchenko) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N. T. Shutova).

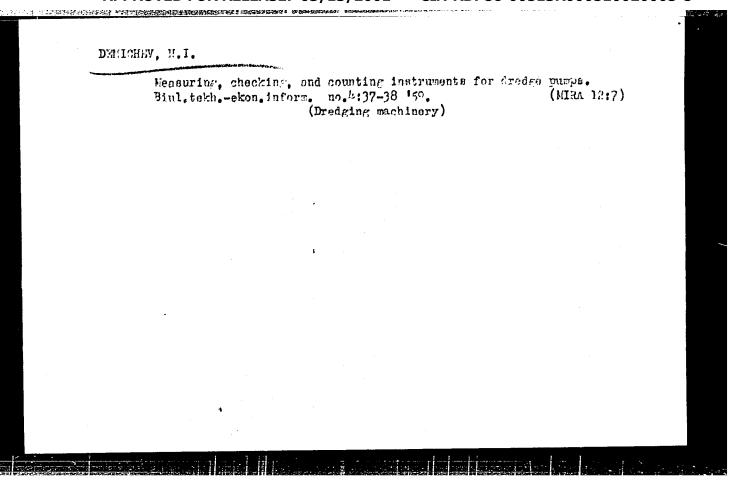
(BREAST--DISEASES) (CHIOROMYCETIN)

DEMICHEV, I.P., kand.meditsinskikh nauk; L'VOVA, Ye.I. studentka
(Leningrad)

Treatment of cracked nipples by dosages of congestive hyperemia a and synthomycin ointment. Fel'd. i akush. 25 no. 7:22-26 Je '60.

(MIRA 13:8)

(HYPEREMIA, ARTIFICIAL) (CHLOROMYCETIN) (BREASTS—DISEASES)



KOVALENKO, P.P., prof.; DEMICHEV, N.P.

Homotransplantation of freeze-dried bone in the treatment of closed fractures; clinical observation. Ortop., travm.i protess. no.12:40-45 160. (MIRA 14:2)

1. Iz kafedry obshchey khirurgii (zav. - prof. P.P. Kovalenko) Rostovskogo na Domu meditsinskogo instituta. (FRACTURES) (BONE GRAFTING)

DEMICHEV, N.P. (Rostov n/D, ul. Engel'ska, d.156, kv.15)

COLL VICTOR ENGINEERS STRUCKS IN DESIGNATION OF BUILDING STRUCKS

Use of frozen bone homografts in closed fractures in an experiment. Ortop., travm.i protez. no.2:19-24 162. (MIRA 15:3)

1. Iz kafedry obshchey khirurgii (zav. - prof. P.P. Kovalenko)
Rostovskogo-na Domu meditsinskogo instituta.
(FRACTURES) (BONES-TRANSPLANTATION)

KOVALENKO, P.P.; SKVORTSOV, F.F.; DEMICHEV, N.P.

Preparation of cadaver tissues in a medicolegae morgue. Sud.-med. ekspert. 6 no.4:48-51 O-D'63 (MIRA 16:12)

1. Kafedra gospital noy khirurgii (zav. - prof. P.P.Kovalenko) i kafedra sudebnoy meditsiny (zav. - dotsent F.F. Skvortscv) Rostovskogo meditsinskogo instituta.

KOVALENKO, P.P., prof.; DEMICHEV, N.P., dotsent (Rostov-na-Donu)

"Preparation and preservation of tissues" by Rudolf Klen.
Reviewed by P.P. Kovalenko, N.P. Demichev. Ortop., travm.
1 protez. 24 no.8:79-80 Ag '63.

(MIRA 17:1)

L 19066-65 AND

ACCESSION NR: ARMON5862 S/0299/64/000/014/M023/M023

SOURCE: Ref. zh. Biologiya. Svodny\*y tom, Abs. 14M149

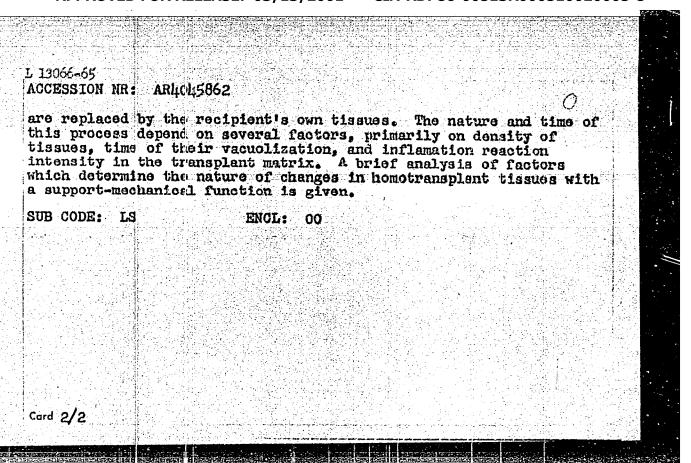
AUTHOR: Kolosova, A. A.; Demichey. N. P.; Yemel'yanov, V. A.; Sklyarov, P. M.; Goryun, G. C.; Torikov, N. G.; Bayshtruk, O. N.

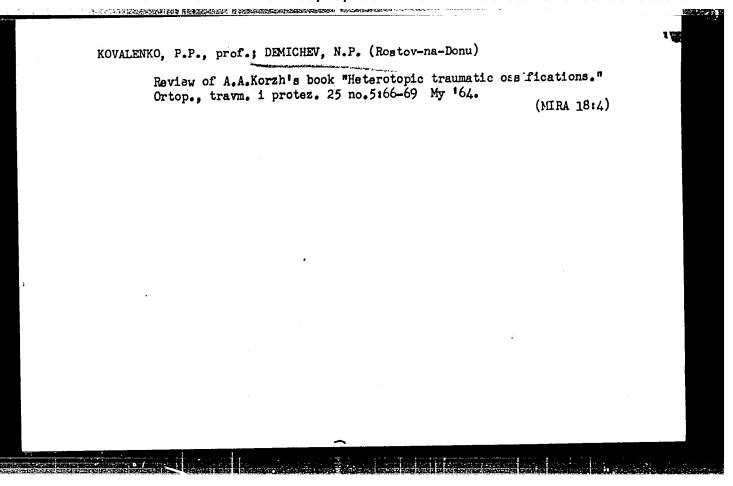
TITLE: Certain morphological regularities of changes in homotransplant tissues with a support-mechanical function

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresadke thaney 1 organov, 1963. Yerevan, 1963, 347-348

TOPIC TAGS: transplantation, homotransplant tissues, support-mechanical function tissues, tissues

TRANSLATION: Tissues with support-mechanical functions (bones, cartilages, fascias, tendons, and pericardium) have high density, durability, and few vessels; and, under transplantation conditions they preserve their structure for a long time and perform a support function. Transplanted fresh or preserved tissues under conditions of +40, -250, -1890, and lyophylization are gradually resorbed and Card 1/2





KOVALENKO, P.P., prof. (Rostov-na-Donu, ul. Engel'sa, d.56, kv.60); DEMICHEV, N.P., dotsent

SCHOOLSE SECTION OF THE PROPERTY OF THE PROPER

Homotransplantation of lyophilized tendons in deep flexor injury of the finger at the level of the radiocarpal joint. Ortop., travm. i protez. 25 no.8:53-55 Ag '64. (MIRA 18:4)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. P.P.Kovalenko) Rostovskogo-na-Donu meditsinskogo instituta.

# "APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000510020005-8 CHARLES IN CONTRACT STATE OF THE STATE OF TH AR6031736 SOURCE CODE: UR/0299/66/000/009/M029/M029 AUTHOR: Kovalenko, P. P.; Demichev, N. P.; Perepechay, L. B. TITLE: Homotransplantation of frozen and lyophilized bones in orthopedics and traumatology SOURCE: Ref. zh. Biologiya, Part II, Abs. 9M166 REF SOURCE: Tr. I Vses. s"yezda travmatologo-ortopedov, 1963. M., TOPIC TAGS: homotransplantation, autotransplantation, bone plastic operation, bone transplant, lyophilization ABSTRACT: A study was made on the homotransplantation of bones, preserved at +4°, -8°, -25°, -183° and by lyophilization, on the basis of experiments carried out 3—6 months earlier on rabbits and dogs (391) and of boneplastic Operations in 79 patients. Homotransplants of preserved bones had good osteogenic properties when the bone socket was carefully prepared, when a close contact was made with the socket, and when the extremity operated on was given a long rest. Unfavorable results (18, 9%) were observed in patients on whom Card 1/2

KOVALENKO, P.P., prof.; DEMICHEV, N.P. (Rostov-na-Donu); KORZH, A.A., prof. (Khar'kov).

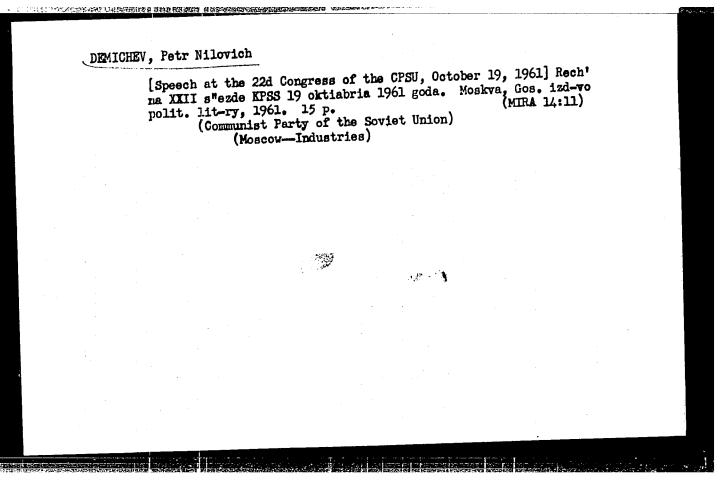
Reviews. Ortop., travm. 1 protes. 26 no.8:86-91 Ag '65. (MIRA 18:9)

DEMICHEV, N.P., dotsent (Rostov-ne-Donu, ul Engel'sa, d. 156, hv.15)

Fascial homoplasty in traumatic dislocation of the tendons of the fibular muscles. Ortop., travm. i pretez. 26 no.11:87-90 N 165. (MIRA 18:12)

l. Iz kafedry gospitalinov khirurgii (zav.- prof. P.P. Kovalenko) Rostovskogo meditsinskogo instituta (rektor - dotsent Yu.B. Rychkov).

# DEMICHEV, P. The strength of Soviet trade unions is in the party leadership. Sov. profsoiuzy 17 no.18:5-8 S '61. (MIRA 14:8) 1. Sekretar' Moskovskogo gorodskogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza. (Communist Party—Party work) (Moscow—Trade unions) (Moscow—Socialist competition)



KACHALOV, N.N.; BOKIN, P.Ya.; DEMICHEV, S.A.; RCMANOV, B.Ye.

Grinding glass with garnet powder. Trudy LTI no.49:25-29

(MIRA 15:5)

(Glass) (Grinding and polishing) (Garnet)

8/0081/63/000/023/0151/0151

ACCESSION NR: AR4015686

SOURCE: RZh. Khimiya, Abs. 23D68

AUTHOR: Demichev, S. A.; Romanov, B. Ye.

TITLE: Temperature measurements in microfurnaces

CITED SOURCE: Steklo. Byul. Gos. n.-i. in-ta stekla, no. 3(116), 1962, 42-46

TOPIC TAGS: microfurnace, furnace temperature, temperature measurement, vacuum microfurnace, thermocouple

TRANSLATION: A new modification of a vacuum microfurnace (Galakhov F. Ya. "Zavodsk. labor.", 1951, 17, No. 2, 254) is proposed with spiral heaters made of tungsten wire having a thickness of 1.5 mm (inside of the spirals) and 9mm (outside), which makes possible the investigation of refractory systems up to 2500-2700C under a vacuum of 10-4 mm Hg. The sample in the form of a bead or fragment is placed in the middle of the inner spiral and heated in a tungsten loop or small cup. The sample is observed through a rotating prism. The temperature of the working area of the furnace is measured by means of W-Re thermocouple with an accuracy of 15°. It is enclosed in a jacket with a vacuum

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ACC NRi	AR6005213		SOURCE COD	E: UR/0058/6	5/000/009/ <b>1017</b> /	(E017
SOURCE:	Ref. zh. Fiz	ika, Abs. 9E152				B
AUTHORS:	Botvinkin,	O. K.; Demichev	,_8. A.		K	
Report 1. tions of	<ul> <li>Investigat their compos</li> </ul>	まっこ おんこう おしま こうしょう	active index, an	d the density	of glasses as	Tune-
ref sour( 1-7	CE: Steklo.	Inform. Materia	ly, Gos. ni.	in-ta stekla,	, no. 2(123), 19	964,
TOPIC TAC	GS   Blass , sil	icate glass, re	fractive index,	glass proper	rty, zirconium	compound
density of when into dependent	of glasses of roduced into ce of RI on t	basis of an inv the Na <sub>2</sub> 0-Zr0 <sub>2-</sub> the glass up to he composition f the glasses i	$810_2$ system, it $22.5\%$ , increas of the investig	es the RI, as ated glasses	nd in this case has a linear cl	the
amounts :	is introduced	. An investiga	tion of the RI	and calculat:	ions have made :	it
possible numerical	to establish	that the struc its molecular w conium dioxide	tural coefficie eight. On the	nt for zircom basis of the	nium dioxide is experiments it	
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WH EWT(m)/EWP(e)/EWP(b) L 13571-66 UR/0081/65/000/014/B075/B075 AR6(XX)0263 ACC NR: SOURCE: Ref. zh. Khimiya, Abs. 14B492 BH AUTHOR: Botvinkin, O.K.; Demichev, S.A. TITLE: Investigating some properties of glass in the Na20-ZrO2SiO2 system. Thermal expansion of glass, and its dependence on the composition CITED SOURCE: Steklo. Inform. materialy Gos. n.-1. in-ta stekla, no. 2(123), 1964, 7-15 TOPIC TAGS: glass, glass property, silicate glass, thermal expansion The addition of ZrO2 to silicate glass at the expense of silica or TRANSLATION: alkalies increases the softening temperature of glass. At the same time, the Tg temperature also increases. Because the linear expansion in glass is determined basically by its alkali content, the thermal expansion coefficient increases when SiO2 is substituted with ZrO2. The substitution of Na20 with ZrO2 results in a decrease in the thermal expansion coefficient. The linear expansion coefficient in the glasses investigated increases by substitution of SiO2 with Na2O, despite the presence of ZrO2 into silicate glass a Si- 0 -Zr bond is formed. This indicates that Zr takes part in creating the glass lattice. See report 1 in abstract 148491. SUB CODE: 07 jw 1/1

SOURCE: Ref. zh. Fizika, Abs. 9E145  AUTHORS: Botvinkin, O. K.; Demichev, S. A.  TITLE: Investigation of certain properties of glasses in the Na20-ZrO2-SiO2 system. Report 5. Investigation of the structure with the aid of an electron microscope.  REF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964, 27-35  TOFIC TAGS: glass silicate glass, glass property  TRANSIATION: It is established that glasses in the Na20-ZrO2-SiO2 system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 1/20	<u>L 23806-66</u> 1	EWP(e)/EWT(m)/EPF(n)-2		JD/WW/JG/WR	
AUTHORS: Botvinkin, O. K.; Demichev, S. A.  TITLE: Investigation of certain properties of glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system. Report 5. Investigation of the structure with the aid of an electron microscope.  REF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964, 27-35  TOPIC TAGS: glass silicate glass, glass property  TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 11,20	ACC NRI ARECO	5210	SOURCE CODE: UR/	0058/65/000/009/D	016/2016
REF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964, 27-35  TOPIC TAGS: glass silicate glass, glass property  TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).	SOURCE: Ref.	zh. Fizika, Abs. 9E145			38
REF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964, 27-35  TOPIC TAGS: glass silicate glass, glass property  TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).	AUTHORS: Bota	inkin, O. K.; Demichev,	8. A.		
TOPIC TAGS: glass silicate glass, glass property  TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 11,20	Report 5. Inv	estigation of the struc	ture with the aid or	an efection micro	acobe.
TOPIC TAGS: glass, silicate glass, glass property  TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 11,20		teklo. Inform. material	y Gos. ni. in-ta st	erla, no. 2(123),	1964,
TRANSIATION: It is established that glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system are not homogeneous, but have a core consisting of silica and a large number of microinhomogeneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 11,20					
homogeneous, but have a core consisting of silica and a large number of micromators geneities. These aggregates differ in their composition from the core of the glass. The data obtained confirm the microheterogeneous aggregation theory of glass construction. For part IV see Abstract 9E153 (Acc. Nr. AR6005214).  SUB CODE: 11,20	TOPIC TAGS: e	lass) silicate glass, g	lass property	v	
	homogeneous, to geneities. The data obtain	out have a core consistinese aggregates differ in the microhe	ng of silica and a la n their composition f terogeneous aggregati	rige number of mic rom the core of t on theory of glas	he glass.
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는 보고하다 그 경기 가능되다. 그리고 하셨다고 있는 일반들은 그는 이 전 경기를 받고 있는데 다른 기가 문제를 받는	SUB CODE: 11,20				
한 보고하다 그 집에 가는 있다. 그리고 하는데 그는 얼마는 그는 이 이 가는 한 것 같다. 그 그리고 살아왔다.	SUB CODE: 11,20				
음 보고하다 그 원리 생물들이 보다 모든 사람들은 눈살이 들는 것은 사람이 살고 있는데 그 그리고 생태를	SUB CODE: 11,20				
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OURCE: Ref. zh. Fizika, Abs.	9E147
UTHORS: Botvinkin, O. K.; Der TITLE: Investigation of certain	in properties of glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system.  If glasses and its dependence on the composition
EF SOURCE: Steklo. Inform. m	lass, glass property, thermal expansion
PRANSIATION: It has been obset the expense of decreasing to ture of the glass. The coefficient of the coefficient of the alkalis in the of the coefficient of thermal weight, the linear expansion oplaced by Na <sub>2</sub> O. It is suggest	rved that zirconium dioxide introduced in silicate glass he silica or the alkalis raises the softening temperacient of thermal expansion increases when the ZrO <sub>2</sub> is the linear expansion is determined essentially by the glass. Replacement of Na <sub>2</sub> O by ZrO <sub>2</sub> leads to a lowering expansion. In spite of the presence of 15% ZrO <sub>2</sub> by if the investigated glasses increases when SiO <sub>2</sub> is resed that Si-O-Zr bonds are produced when the zirconium is silicate glass, thus indicating that zirconium particle glass lattice. For part I see Abstract 9E152 (Acc.
Nr. AR6005213).	해를 하다고 싶을 할 것이 되면 보면 할 수 있는데 한다면 하는데 함께 되었다. 1985년 - 1985년 - 1985년 - 1985년 - 1985년 - 1985년 - 1987년
Nr. AR6005213). SUB CODE: !!	7

OURCE: Ref. zh. Fizika, Abs. 9E150  UTHORS: Botvinkin, O. K.; Demichev, S. A.  TTLE: Investigation of certain properties of glasses in the Na20-ZrO2-SiO2 system.  eport 3. Microhardness and surface energy of the glasses  EF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964,  5-21  OPIC TAGS: glass, silicate glass, hardness, surface hardening, glass property, crystal lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass aises the microhardness, while addition of sodium oxide reduces the microhardness of the	
UTHORS: Botvinkin, O. K.; Demichev, S. A.  ITIE: Investigation of certain properties of glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system.  Report 3. Microhardness and surface energy of the glasses  EF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964,  5-21  OPIC TAGS: glass.silicate glass, hardness, surface hardening, glass property, crystal lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass	
TTIE: Investigation of certain properties of glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> system.  eport 3. Microhardness and surface energy of the glasses  EF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964,  5-21  OPIC TAGS: glass.silicate glass, hardness, surface hardening, glass property, crys- al lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass	
EF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 1964, 5-21  OPIC TAGS: glass, silicate glass, hardness, surface hardening, glass property, crys- al lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass	
5-21  OPIC TAGS: glass, silicate glass, hardness, surface hardening, glass property, crystal lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass	
al lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass  RANSIATION: These shalls addition of sodium oxide reduces the microhardness of	
al lattice, zirconium compound  RANSIATION: It has been observed that zirconium dioxide introduced into glass  RANSIATION: These been observed that zirconium oxide reduces the microhardness of	
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riconium glass. The coefficients of volume grinding together of glasses of the la20-ZrO2-SiO2 system are determined. The surface energy of the glasses in the la20-ZrO2-SiO2 system is calculated. It is shown that introduction of zirconium lioxide leads to sicengthening of the crystalline lattice of the glass. For part II see Abstract 9E147 (Acc. Nr. AR6005211)	
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ACC NR: AR6005214 SOURCE CODE: UR/0058/65/000/009/EC	017/1017
SOURCE: Ref. zh. Fizika, Abs. 9E153	58
AUTHORS: Botvinkin, O. K.; Krogius, Ye. A.; Demichev, S. A.; Vlasov, V. A.	
TITLE: Investigation of certain properties of glasses in the Na <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> Report 4. Reflection spectra in the infrared region	system.
EF SOURCE: Steklo. Inform. materialy Gos. ni. in-ta stekla, no. 2(123), 2-27	1964,
OPIC TAGS: glass, silicate glass, glass property, light reflection, optic spropertum, zirconium compound	pectrum,
RANSIATION: The IR reflection spectra were investigated in the region of 7 m <sup>-1</sup> for three series of glasses, corresponding to the general formulas Na <sub>2</sub> O·xZrO <sub>2</sub> (85 - x)SiO <sub>2</sub> , xNa <sub>2</sub> O(32.5 - x)ZrO <sub>2</sub> ·ySiO <sub>2</sub> , and xZrO <sub>2</sub> ·yNa <sub>2</sub> O(85 - y)St is shown that an increase in the amount of zirconium dioxide leads to depend of the structure grid of the glass. A hypothesis is advanced that the nters the grid of the glass y/a breaking the Si-O-Si bonds. For part III s	3i0 <sub>2</sub> . polymeriza- zirconium
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ACC NRI AR6000262 SOURCE CODE: UR/0081/65/000/014/3075/E075

AUTHOR: Botvinkin, O. K.; Demichev, S. A.

TITLE: Study of some properties of glasses in the NagO-ZrOg-SiO2 system. Report 1. Effect of the glass composition on the refractive index and density.

SOURCE: Ref. zh. Khimiya, Abs. 14B491

REF SOURCE: Sterlo. Inform. materialy Gos. n.-1. in-ta stekla, no. 2 (123), 1964, 1-7

TOPIC TAGS: glass, glass property, zirconium, zirconium compound, refractive index, optic density

ABSTRACT: The refractive indexes and densities (d) of Na<sub>2</sub>0-Zr0<sub>2</sub>-Si0<sub>2</sub> system glasses were measured. It was established that Zr0<sub>2</sub> in glass in an amount up to 22.5% increases the refractory index, and its relationship to the composition of the investigated glasses is linear. The density of glasses with the same amount of Zr0<sub>2</sub> present increases. Based on the data obtained for density it was found that the relationship between the composition of glass is complex and can be shown by curves which comply with the equation d=klgP, where 'k' is the angle

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WH/GD-2 SWT(m)/SWP(e) 1 39669-66 SOURCE CODE: UR/0081/65/000/014/B075/B075 ACC NR: AR6000264 Demichev, S. A. AUTHOR: Botvinkin, O. K.; Study of some properties of glass in the Na20-Zr02-Si02 system. Report 3. Microhardness and the surface energy of glass Ref. zh. Khimiya, Abs. 14B493 SOURCE: REF SOURCE: Steklo Inform. materialy Gos. n.-i. in-ta stekla, no. 2 (123), 1964, 15-21 TOPIC TAGS: glass, glass property, zirconium, silicon, toughness, hardness, crystal lattice ABSTRACT: The introduction of ZrO, into glass increases its micro-hardness. Na20 in Zr-glasses decreases its microhardness. The coefficient of the abradability of Na<sub>2</sub>0-ZrO<sub>2</sub>-SiO<sub>2</sub> - system glasses was determined, and the surface energy of these glasses calculated. It was shown that the addition of ZrO<sub>2</sub> results in toughening of the glass crystalline lattice. Report 2, see abstract 14B492. Author's summary. SUB CODE: 11/ SUBM DATE: 25Ju165

1. 39670-66 EVI(m)/EVI(e) WH/OD-2 SOURCE CODE: UR/0081/65/000/014/B075/B075 ACC NRI AR6000265 AUTHOR: Botvinkin, O. K.; Krogius, Ye. A.; Demichev, S. A.; TITLE: Study of some properties of glass in the Na20-ZrO2-SiO2 system. Report 4. Reflection spectra in the infrared region SOURCE: Ref. zh. Khimiya, Abs. 14B494 REF SOURCE: Steklo. Inform. materialy Gos. n.-i. in-ta stekla, no. 2 (123), 1964, 22-27 TOPIC TAGS: glass, glass property, zirconium, silicon, depolymerization, crystal lattice, IR spectrum ABSTRACT: The IR reflection spectra in the region 700-130cm<sup>-1</sup> of 3 series of glass, corresponding to the general formulas: yNa20.. xZrO<sub>2</sub>(85-x) SiO<sub>2</sub>; xNa<sub>2</sub>O(32.5-x) ZrO<sub>2</sub>. ySiO<sub>2</sub>; and xZrO<sub>2</sub>. yNa<sub>2</sub>O(85-y) SiO<sub>2</sub> was studied. It was shown that an increase of ZrO<sub>2</sub> content results in a depolymerization of the structural lattice of glass. It is suggested that Zr is introduced into the glass lattice by disrupting the Si-O-Si bonds. See report 3, abstract 14B493. Author's summary. SUB CODE: 11/SUBM DATE: 25Ju165

<u>ti 39571-66 EWT(m)/EWP(e) :</u> ACC NR: AR6000266	SOURCE CODE: UR/0081/65/000/014/8075/8076
AUTHOR: Botvinkin, O. K.; Demic	chev, S. A.
TITLE: Study of some properties Study of the structure using an	electron microscope
SOURCE: Ref. zh. Khimiya, Abs.	148495
REF SOURCE: Steklo. Inform. mat 27-33	terialy Gos. n1. in-ta stekla, no. 2, (123), 1964
TOPIC TAGS: glass, glass proper	rty, zirconium, silicon, matter atructure
	at glasses in the Na O-ZrO -SiO system are not homo-
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